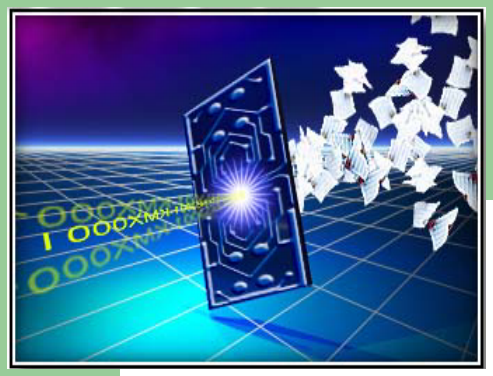
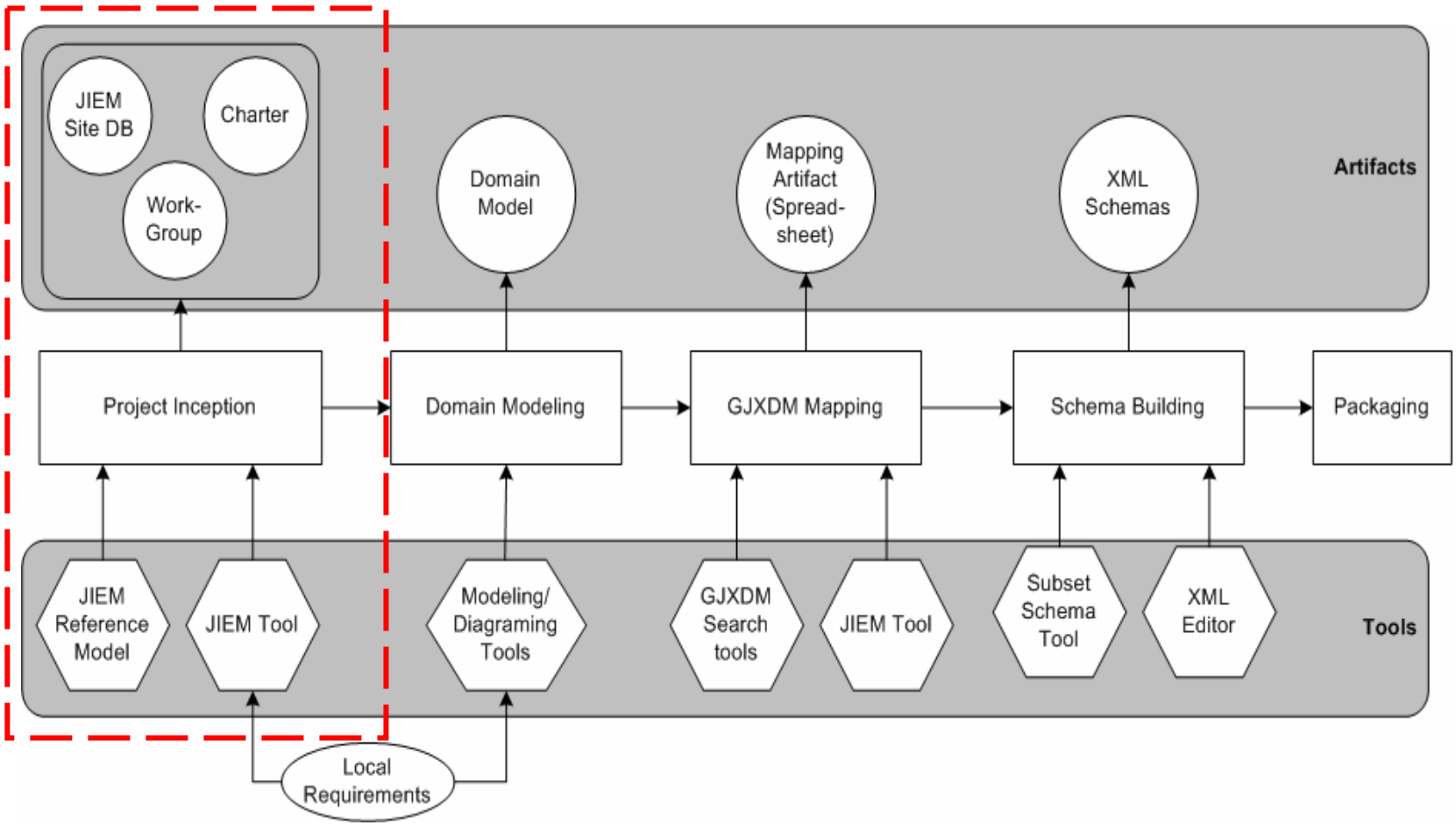
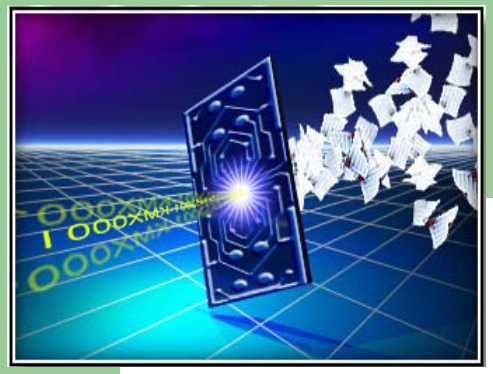
JUSTICE INFORMATION EXCHANGE MODEL

JIEM Version 3.4 Highlights

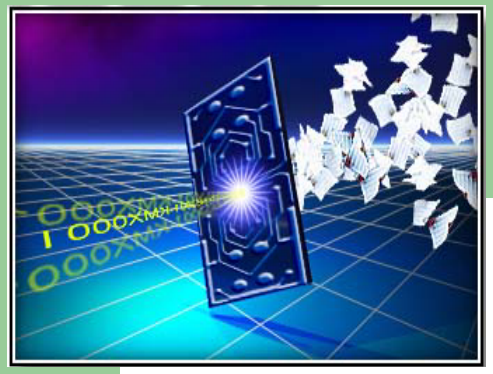


IEPD Process





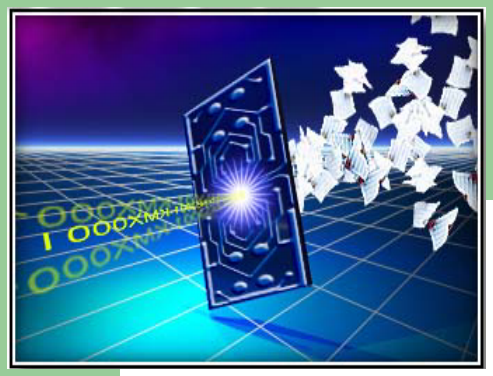
JIEM to IEPD Interface



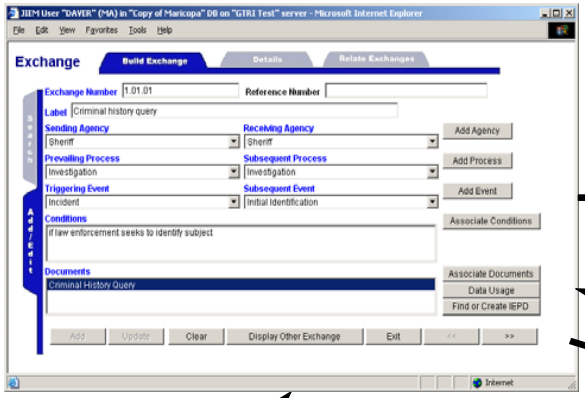
JIEM-IEPD Structure

- JIEM Exchange content (the IEP) can be defined as the following:

1. Transaction (query/response)
2. Form or other document with archival requirements
3. Service Model
4. Universal

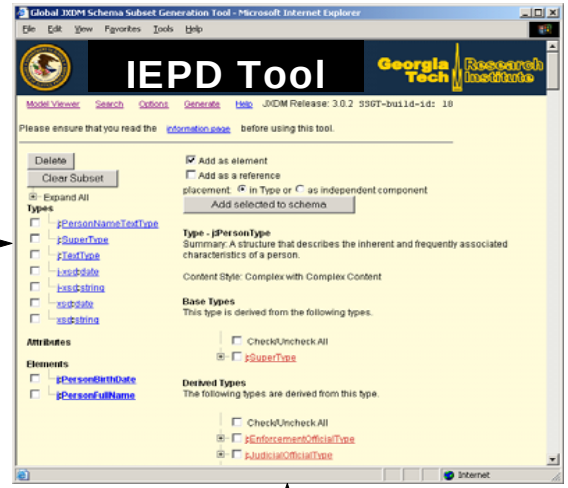


How do JIEM and IEPDT interoperate?



Access IEPDT UI with pointer to Exchange Context URI

3



JIEM database
- Reference model
- Site DB 1
- ...
- Site DB n

1

Business context, Exchange Content requirements

2

Exchange Context URI

Web service

Repository
- Data model components
- IEPD artifacts
- Exchange contexts
- CMT data
- User account data

JIEM User "mperbix" (MA) in "A Test DB" DB on "Staging" server - Microsoft Internet Explorer

File Edit View Favorites Tools Help Address

JUSTICE INFORMATION EXCHANGE MODEL

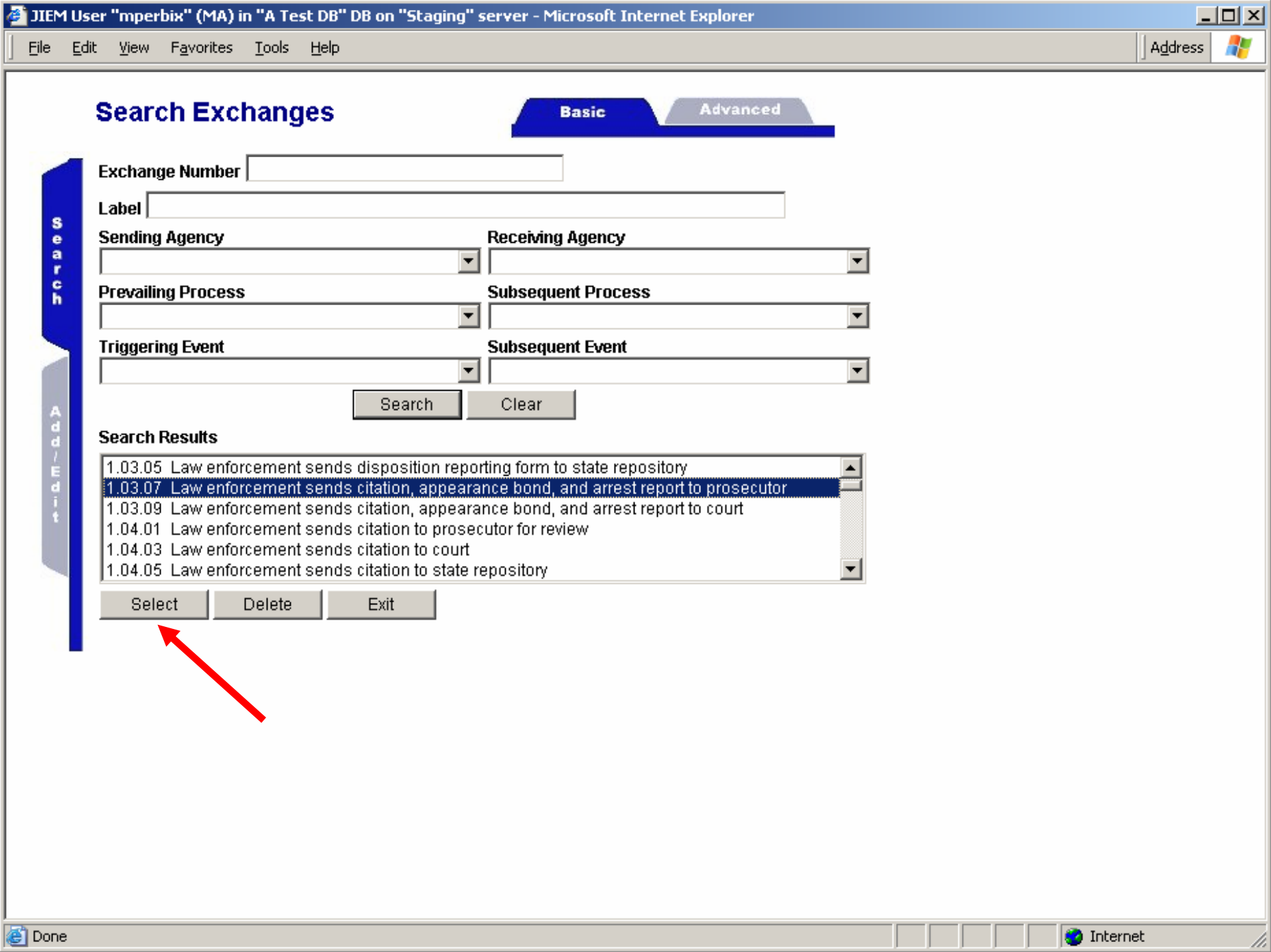
Main Menu

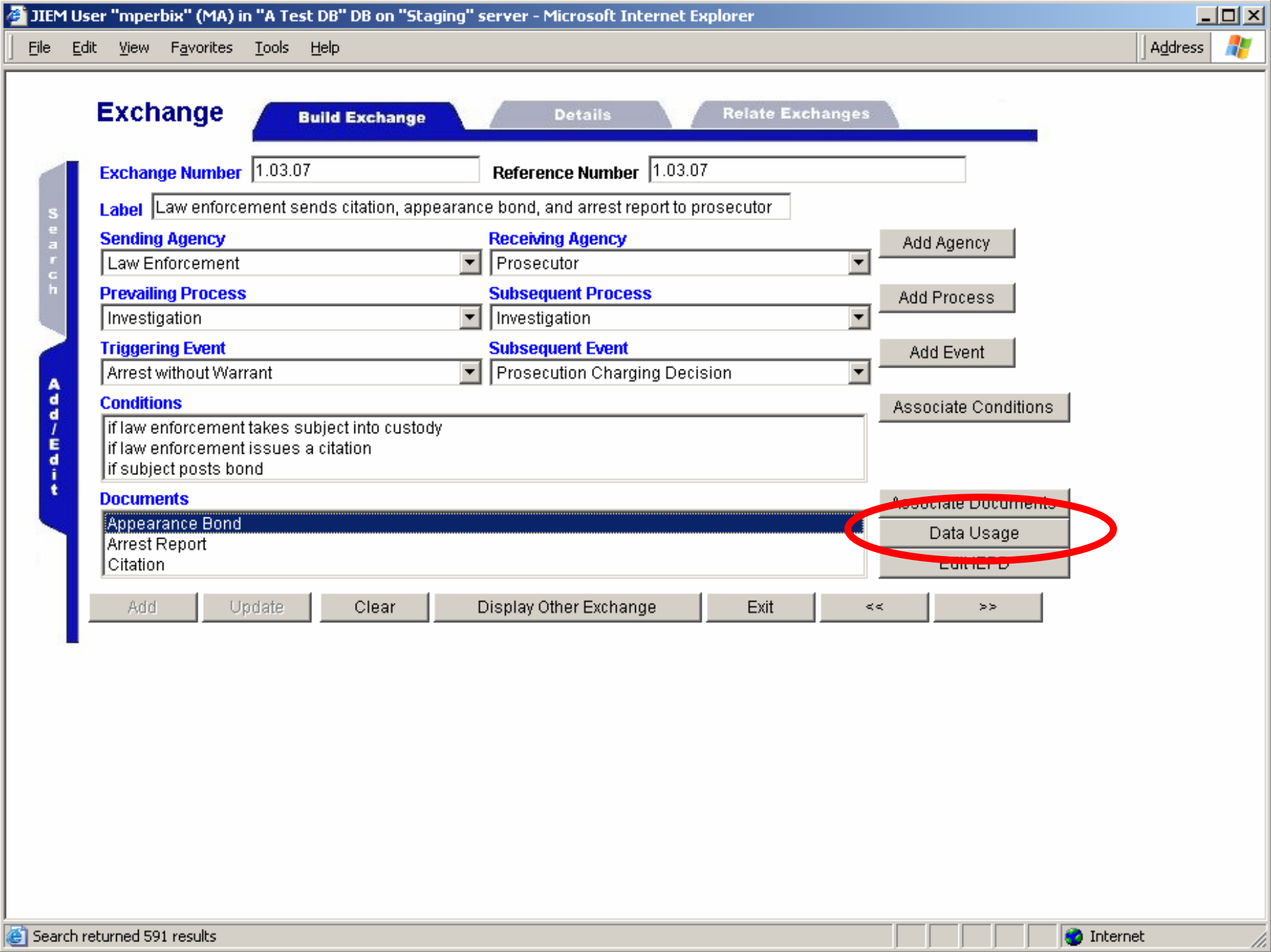
Administration | Dimensions | Exchange | Reports | Research

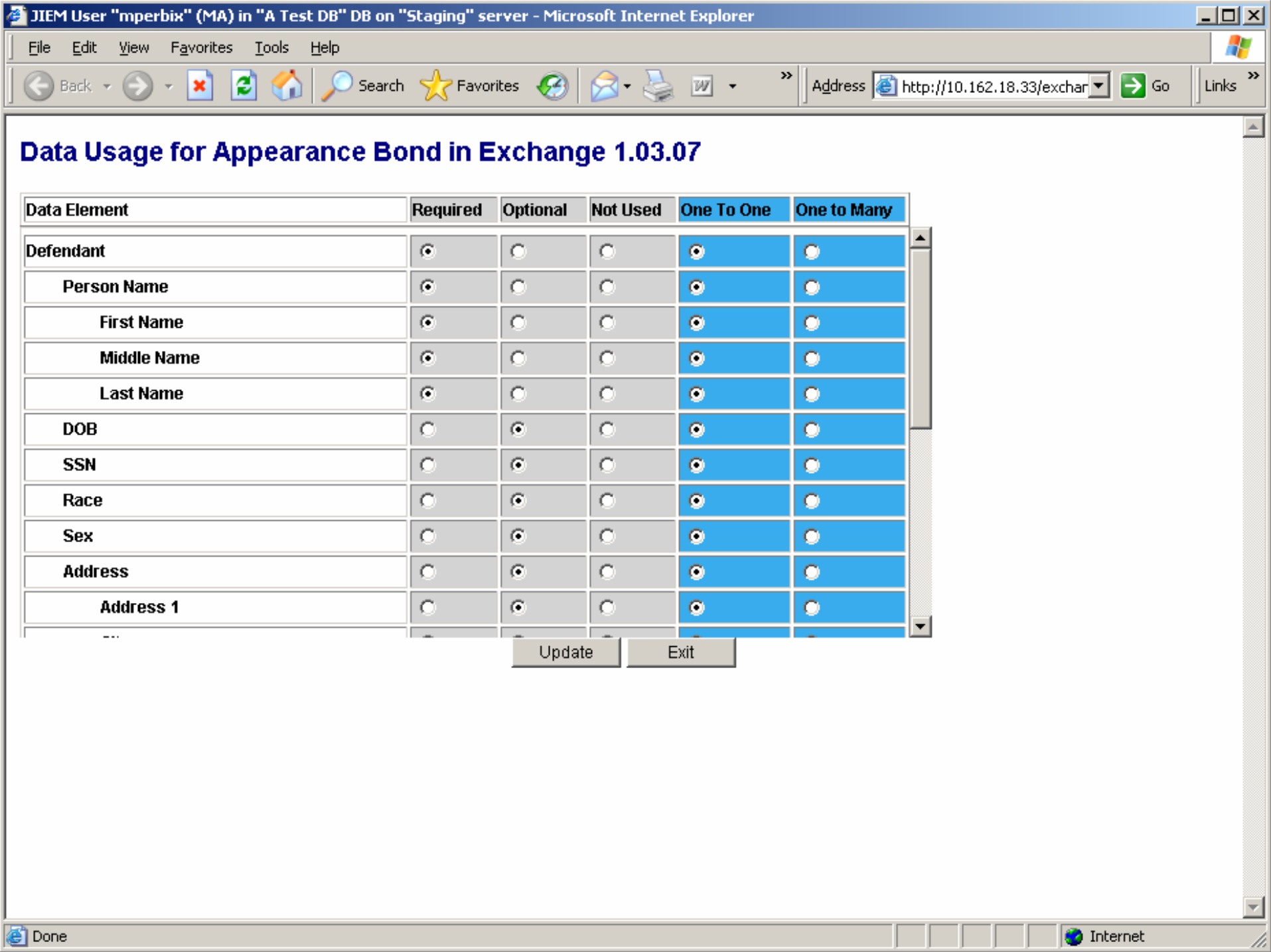
- Exchange
- Auto-number

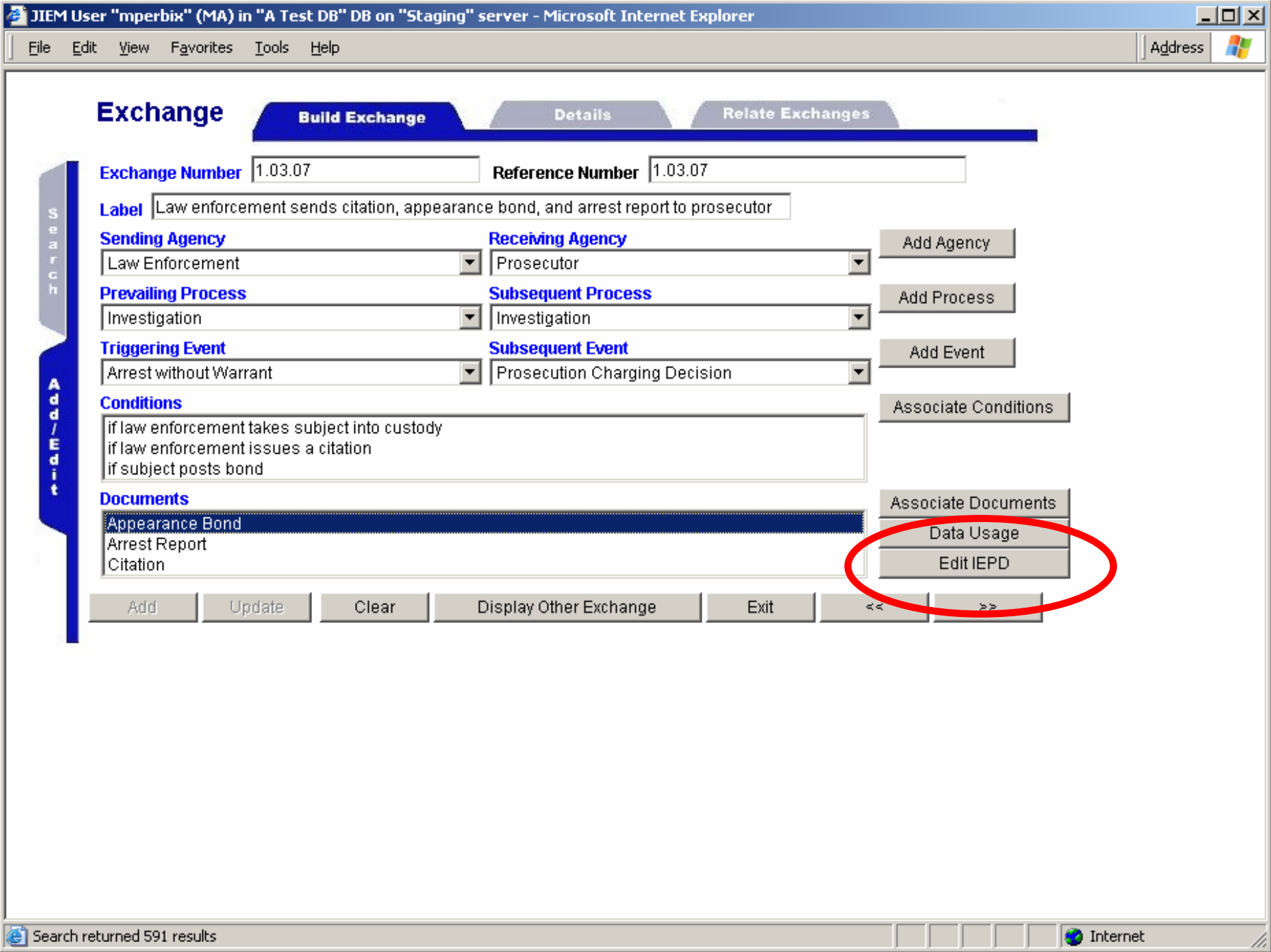
SEARCH

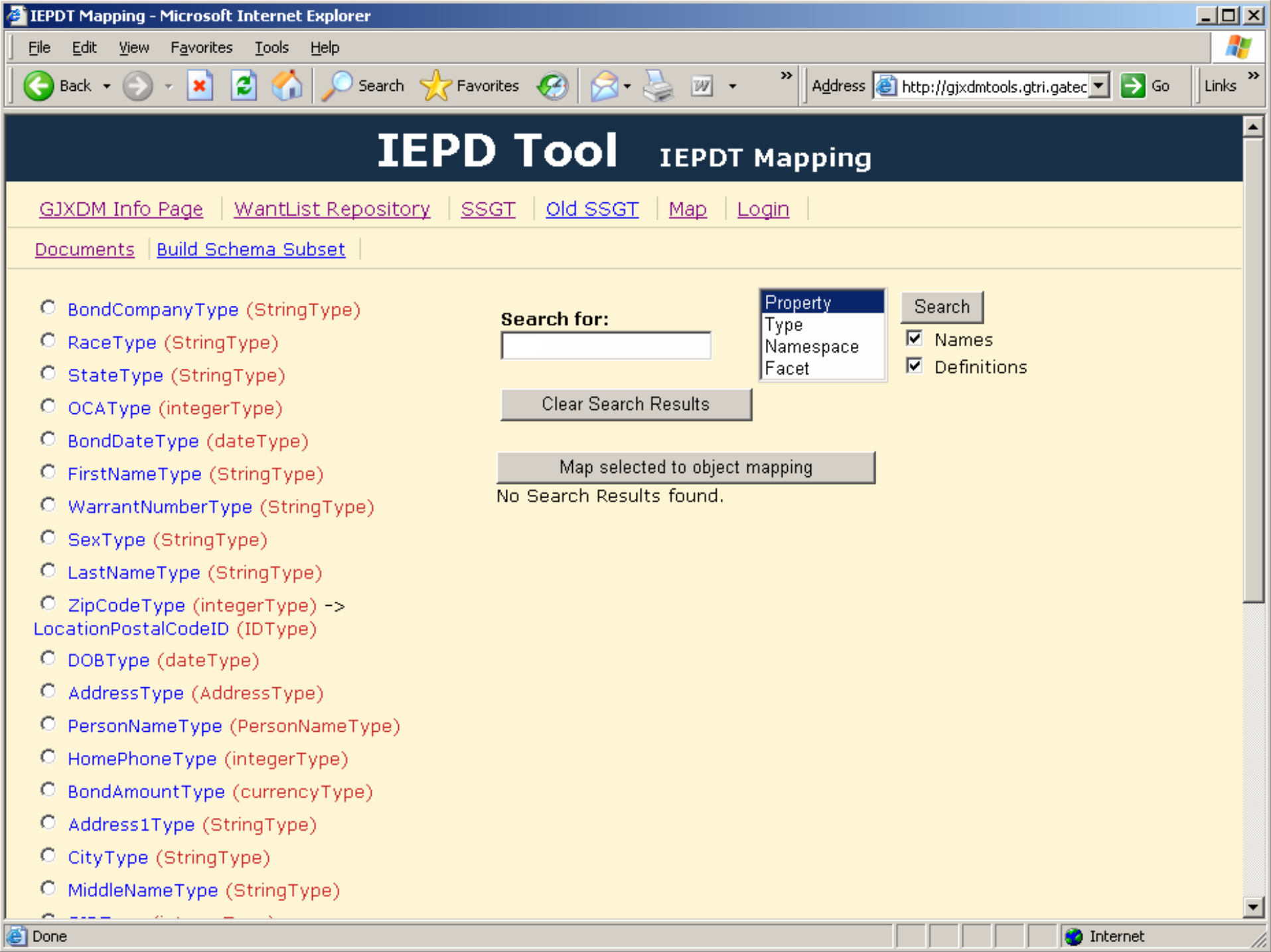
Done Internet


JIEM User "mperbix" (MA) in "A Test DB" DB on "Staging" server - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address
Search Exchanges
Basic
Advanced
Search
Add/Edit
Exchange Number
Label
Sending Agency
Receiving Agency
Prevailing Process
Subsequent Process
Triggering Event
Subsequent Event
Search
Clear
Search Results
1.03.05 Law enforcement sends disposition reporting form to state repository
1.03.07 Law enforcement sends citation, appearance bond, and arrest report to prosecutor
1.03.09 Law enforcement sends citation, appearance bond, and arrest report to court
1.04.01 Law enforcement sends citation to prosecutor for review
1.04.03 Law enforcement sends citation to court
1.04.05 Law enforcement sends citation to state repository
Select
Delete
Exit
Done
Internet


JIEM User "mperbix" (MA) in "A Test DB" DB on "Staging" server - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address
Exchange
Build Exchange
Details
Relate Exchanges
Search
Add/Edit
Exchange Number 1.03.07
Reference Number 1.03.07
Label Law enforcement sends citation, appearance bond, and arrest report to prosecutor
Sending Agency
Law Enforcement
Receiving Agency
Prosecutor
Add Agency
Prevailing Process
Investigation
Subsequent Process
Investigation
Add Process
Triggering Event
Arrest without Warrant
Subsequent Event
Prosecution Charging Decision
Add Event
Conditions
if law enforcement takes subject into custody
if law enforcement issues a citation
if subject posts bond
Associate Conditions
Documents
Appearance Bond
Arrest Report
Citation
Data Usage
Add
Update
Clear
Display Other Exchange
Exit
<<
>>
Search returned 591 results
Internet


JIEM User "mperbix" (MA) in "A Test DB" DB on "Staging" server - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://10.162.18.33/exchar
Go
Links
Data Usage for Appearance Bond in Exchange 1.03.07
Data Element
Required
Optional
Not Used
One To One
One to Many
Defendant
Person Name
First Name
Middle Name
Last Name
DOB
SSN
Race
Sex
Address
Address 1
Update
Exit
Done
Internet


JIEM User "mperbix" (MA) in "A Test DB" DB on "Staging" server - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address
Exchange
Build Exchange
Details
Relate Exchanges
Search
Add/Edit
Exchange Number 1.03.07
Reference Number 1.03.07
Label Law enforcement sends citation, appearance bond, and arrest report to prosecutor
Sending Agency
Law Enforcement
Receiving Agency
Prosecutor
Add Agency
Prevailing Process
Investigation
Subsequent Process
Investigation
Add Process
Triggering Event
Arrest without Warrant
Subsequent Event
Prosecution Charging Decision
Add Event
Conditions
if law enforcement takes subject into custody
if law enforcement issues a citation
if subject posts bond
Associate Conditions
Documents
Appearance Bond
Arrest Report
Citation
Associate Documents
Data Usage
Edit IEPD
Add
Update
Clear
Display Other Exchange
Exit
<<
>>
Search returned 591 results
Internet


IEPDT Mapping - Microsoft Internet Explorer
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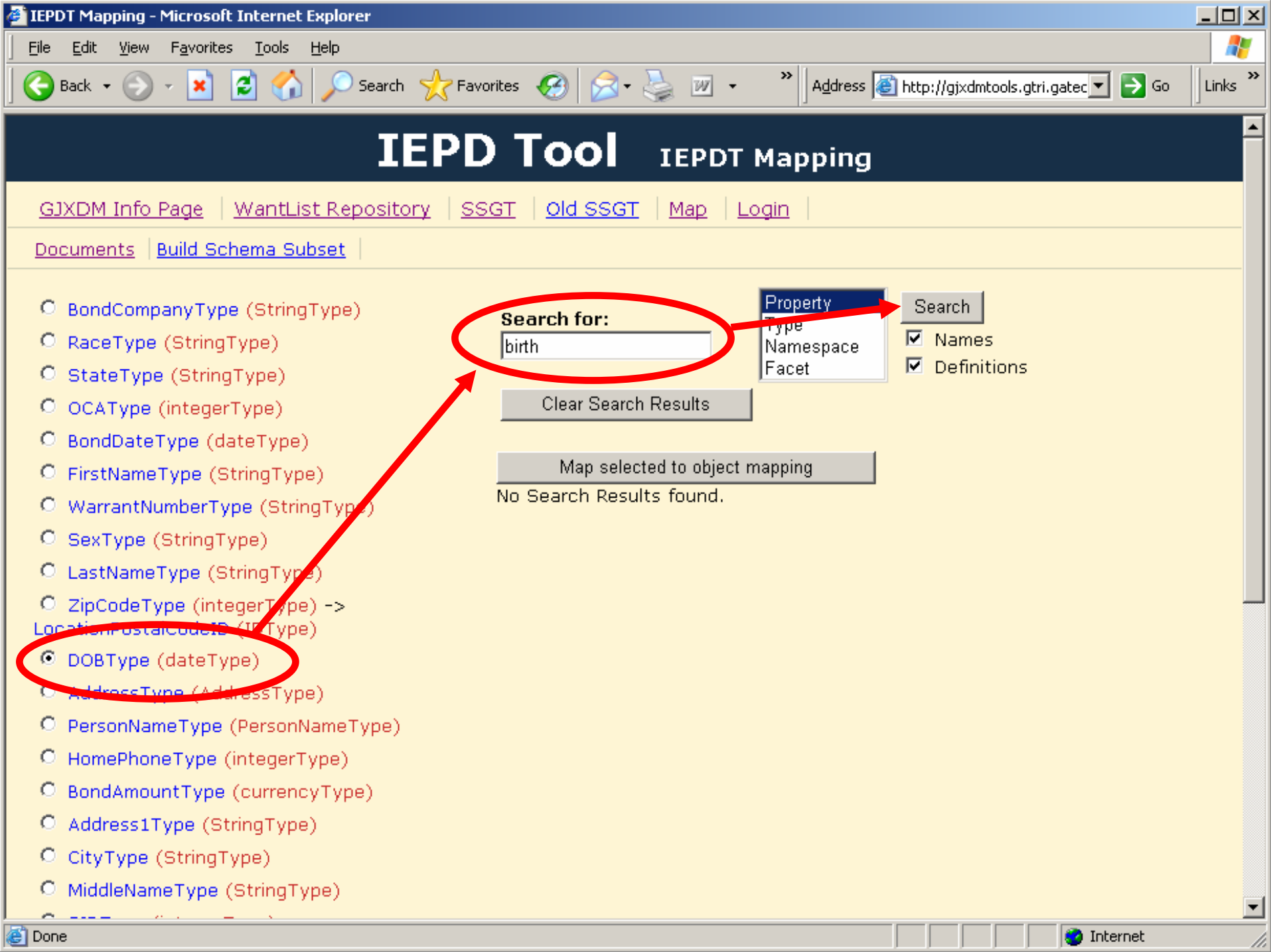
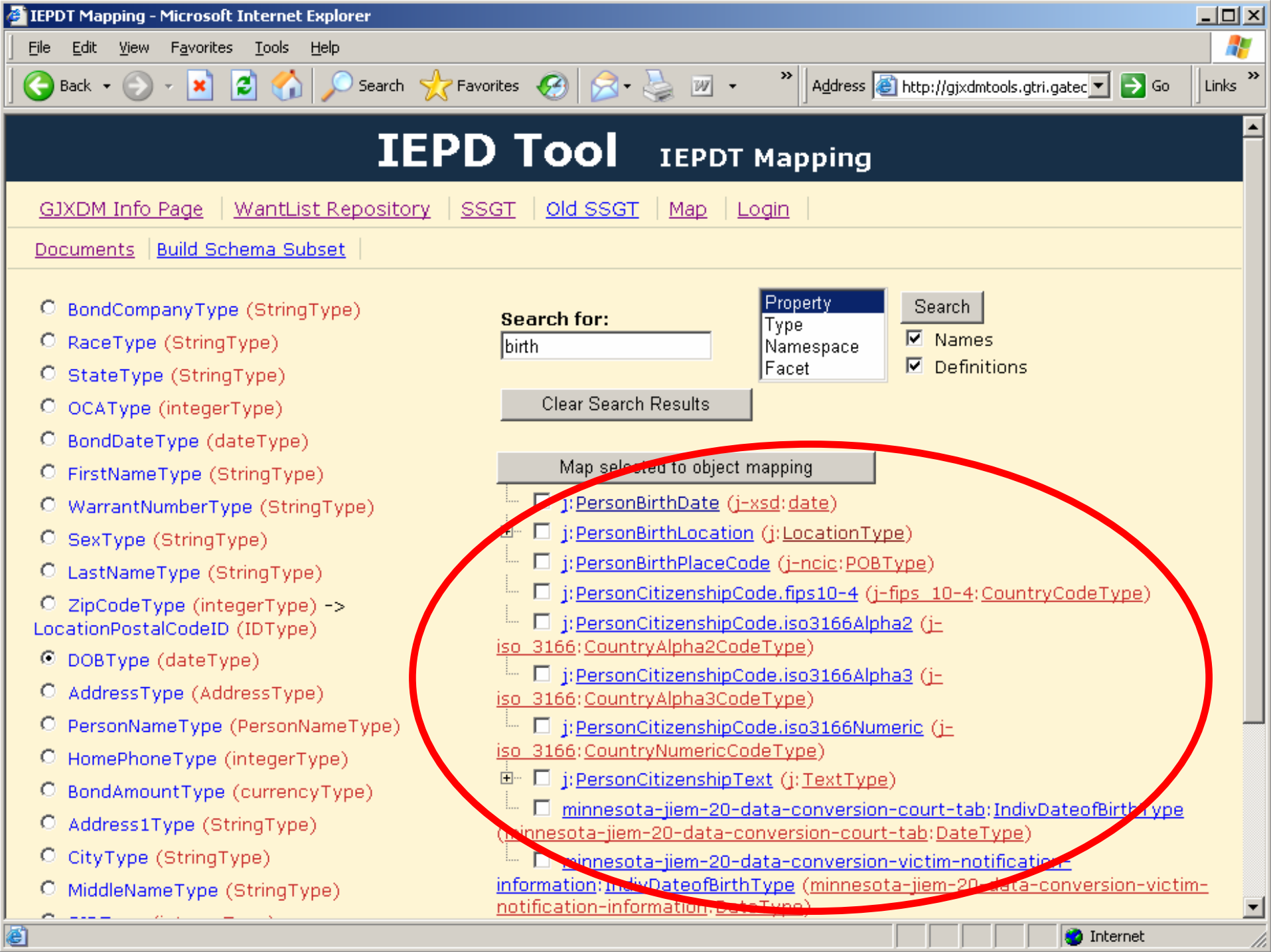
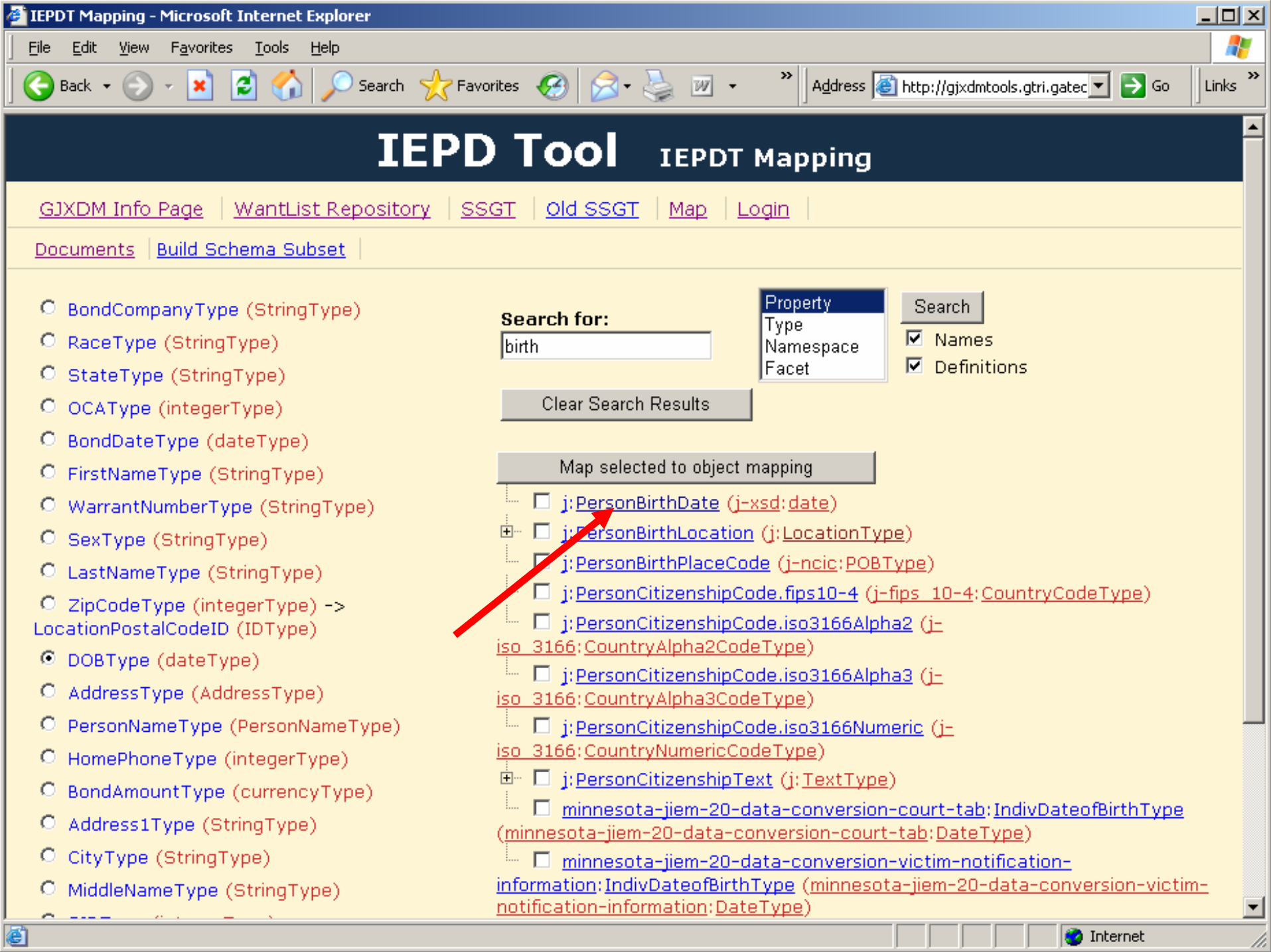
Back Search Favorites
Address http://gjxdmtools.gtri.gatec
Go
Links
IEPD Tool
IEPDT Mapping
GJXDM Info Page
WantList Repository
SSGT
Old SSGT
Map
Login
Documents
Build Schema Subset
BondCompanyType (StringType)
RaceType (StringType)
StateType (StringType)
OCAType (integerType)
BondDateType (dateType)
FirstNameType (StringType)
WarrantNumberType (StringType)
SexType (StringType)
LastNameType (StringType)
ZipCodeType (integerType) -> LocationPostalCodeID (IDType)
DOBType (dateType)
AddressType (AddressType)
PersonNameType (PersonNameType)
HomePhoneType (integerType)
BondAmountType (currencyType)
Address1Type (StringType)
CityType (StringType)
MiddleNameType (StringType)
Search for:
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
No Search Results found.
Done
Internet


IEPDT Mapping - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://gjxdmtools.gtri.gatec
Go
Links
IEPD Tool
IEPDT Mapping
GJXDM Info Page
WantList Repository
SSGT
Old SSGT
Map
Login
Documents
Build Schema Subset
BondCompanyType (StringType)
RaceType (StringType)
StateType (StringType)
OCAType (integerType)
BondDateType (dateType)
FirstNameType (StringType)
WarrantNumberType (StringType)
SexType (StringType)
LastNameType (StringType)
ZipCodeType (integerType) ->
DOBType (dateType)
PersonNameType (PersonNameType)
HomePhoneType (integerType)
BondAmountType (currencyType)
Address1Type (StringType)
CityType (StringType)
MiddleNameType (StringType)
Search for:
birth
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
No Search Results found.
Done
Internet


IEPDT Mapping - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://gjxdmtools.gtri.gatec
Go Links
IEPD Tool
IEPDT Mapping
GJXDM Info Page | WantList Repository | SSGT | Old SSGT | Map | Login
Documents | Build Schema Subset
BondCompanyType (StringType)
RaceType (StringType)
StateType (StringType)
OCAType (integerType)
BondDateType (dateType)
FirstNameType (StringType)
WarrantNumberType (StringType)
SexType (StringType)
LastNameType (StringType)
ZipCodeType (integerType) -> LocationPostalCodeID (IDType)
DOBType (dateType)
AddressType (AddressType)
PersonNameType (PersonNameType)
HomePhoneType (integerType)
BondAmountType (currencyType)
Address1Type (StringType)
CityType (StringType)
MiddleNameType (StringType)
Search for:
birth
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
j:PersonBirthDate (j-xsd:date)
j:PersonBirthLocation (j:LocationType)
j:PersonBirthPlaceCode (j-ncic:POBType)
j:PersonCitizenshipCode.fips10-4 (j-fips_10-4:CountryCodeType)
j:PersonCitizenshipCode.iso3166Alpha2 (j-iso_3166:CountryAlpha2CodeType)
j:PersonCitizenshipCode.iso3166Alpha3 (j-iso_3166:CountryAlpha3CodeType)
j:PersonCitizenshipCode.iso3166Numeric (j-iso_3166:CountryNumericCodeType)
j:PersonCitizenshipText (j:TextType)
minnesota-jiem-20-data-conversion-court-tab:IndivDateofBirthType (minnesota-jiem-20-data-conversion-court-tab:DateType)
minnesota-jiem-20-data-conversion-victim-notification-information:IndivDateofBirthType (minnesota-jiem-20-data-conversion-victim-notification-information:DateType)
Internet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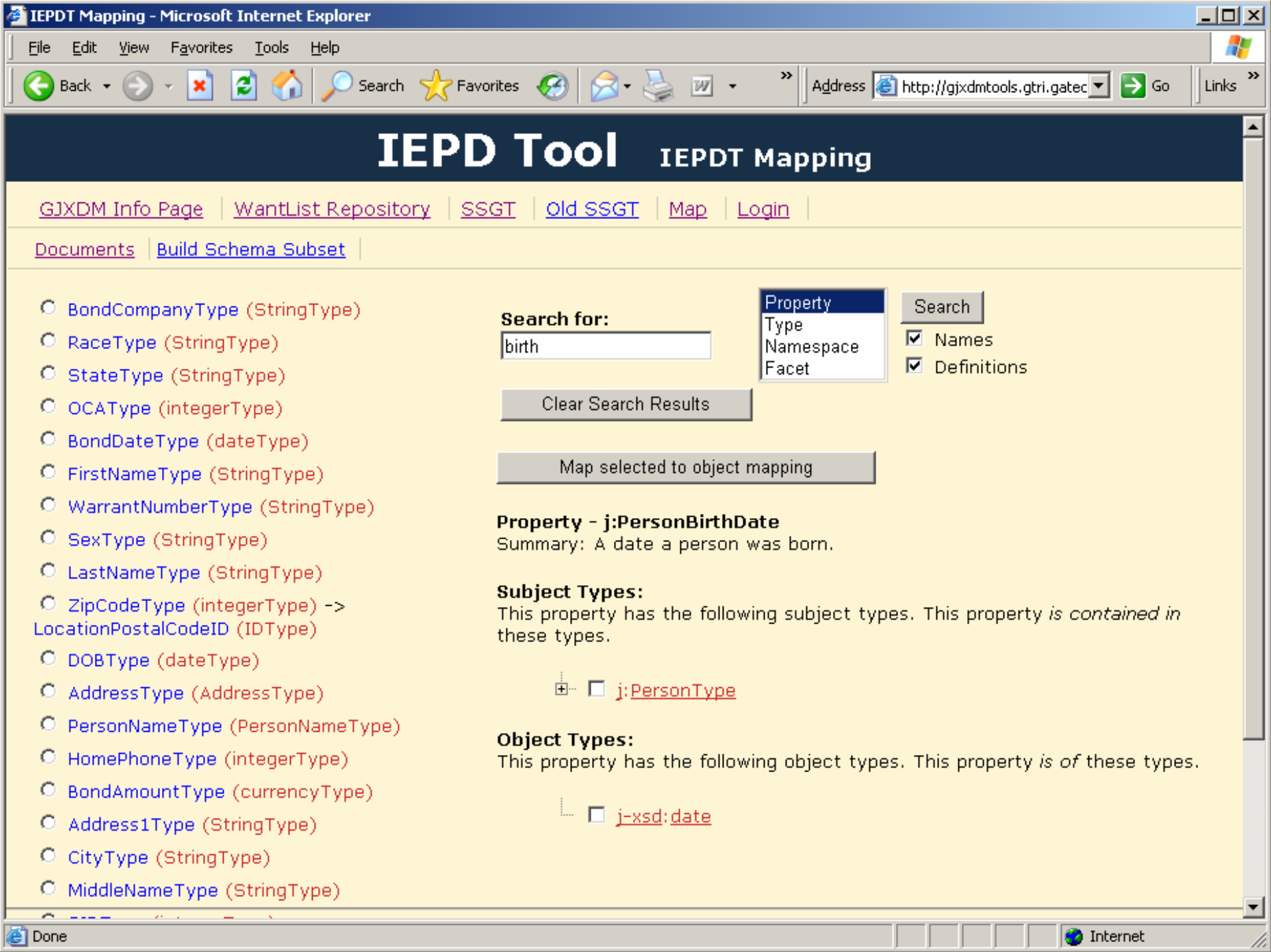
GJXDM Info Page | WantList Repository | SSGT | Old SSGT | Map | Login
Documents | Build Schema Subset
BondCompanyType (StringType)
RaceType (StringType)
StateType (StringType)
OCAType (integerType)
BondDateType (dateType)
FirstNameType (StringType)
WarrantNumberType (StringType)
SexType (StringType)
LastNameType (StringType)
ZipCodeType (integerType) -> LocationPostalCodeID (IDType)
DOBType (dateType)
AddressType (AddressType)
PersonNameType (PersonNameType)
HomePhoneType (integerType)
BondAmountType (currencyType)
Address1Type (StringType)
CityType (StringType)
MiddleNameType (StringType)
Search for:
birth
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
j:PersonBirthDate (j-xsd:date)
j:PersonBirthLocation (j:LocationType)
j:PersonBirthPlaceCode (j-ncic:POBType)
j:PersonCitizenshipCode.fips10-4 (j-fips_10-4:CountryCodeType)
j:PersonCitizenshipCode.iso3166Alpha2 (j-iso_3166:CountryAlpha2CodeType)
j:PersonCitizenshipCode.iso3166Alpha3 (j-iso_3166:CountryAlpha3CodeType)
j:PersonCitizenshipCode.iso3166Numeric (j-iso_3166:CountryNumericCodeType)
j:PersonCitizenshipText (j:TextType)
minnesota-jiem-20-data-conversion-court-tab:IndivDateofBirthType (minnesota-jiem-20-data-conversion-court-tab:DateType)
minnesota-jiem-20-data-conversion-victim-notification-information:IndivDateofBirthType (minnesota-jiem-20-data-conversion-victim-notification-information:DateType)
Internet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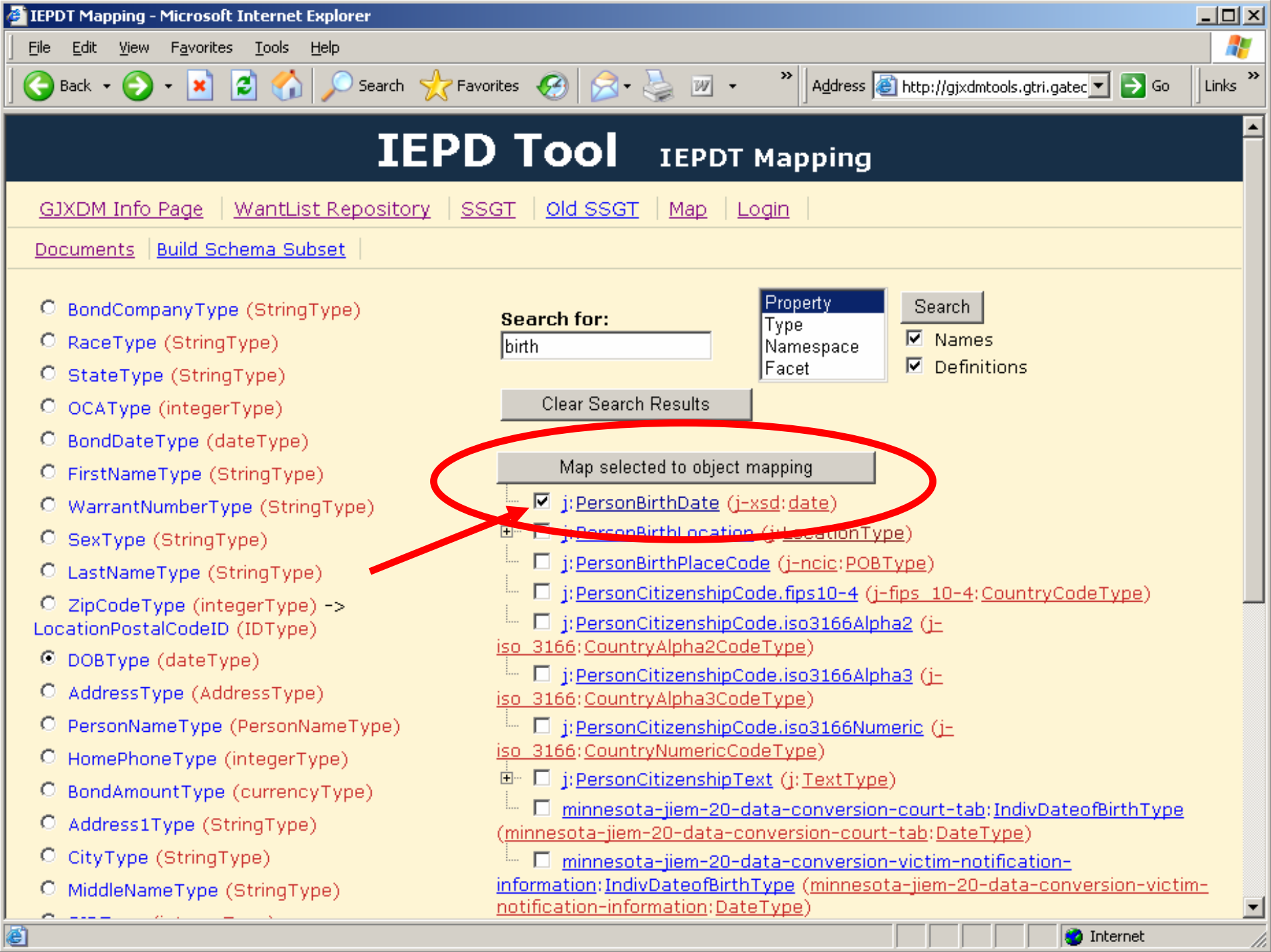
WantList Repository
SSGT
Old SSGT
Map
Login
Documents
Build Schema Subset
BondCompanyType (StringType)
RaceType (StringType)
StateType (StringType)
OCAType (integerType)
BondDateType (dateType)
FirstNameType (StringType)
WarrantNumberType (StringType)
SexType (StringType)
LastNameType (StringType)
ZipCodeType (integerType) -> LocationPostalCodeID (IDType)
DOBType (dateType)
AddressType (AddressType)
PersonNameType (PersonNameType)
HomePhoneType (integerType)
BondAmountType (currencyType)
Address1Type (StringType)
CityType (StringType)
MiddleNameType (StringType)
Search for:
birth
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
Property - j:PersonBirthDate
Summary: A date a person was born.
Subject Types:
This property has the following subject types. This property is contained in these types.
j:PersonType
Object Types:
This property has the following object types. This property is of these types.
j-xsd:date
Done
Internet


IEPDT Mapping - Microsoft Internet Explorer
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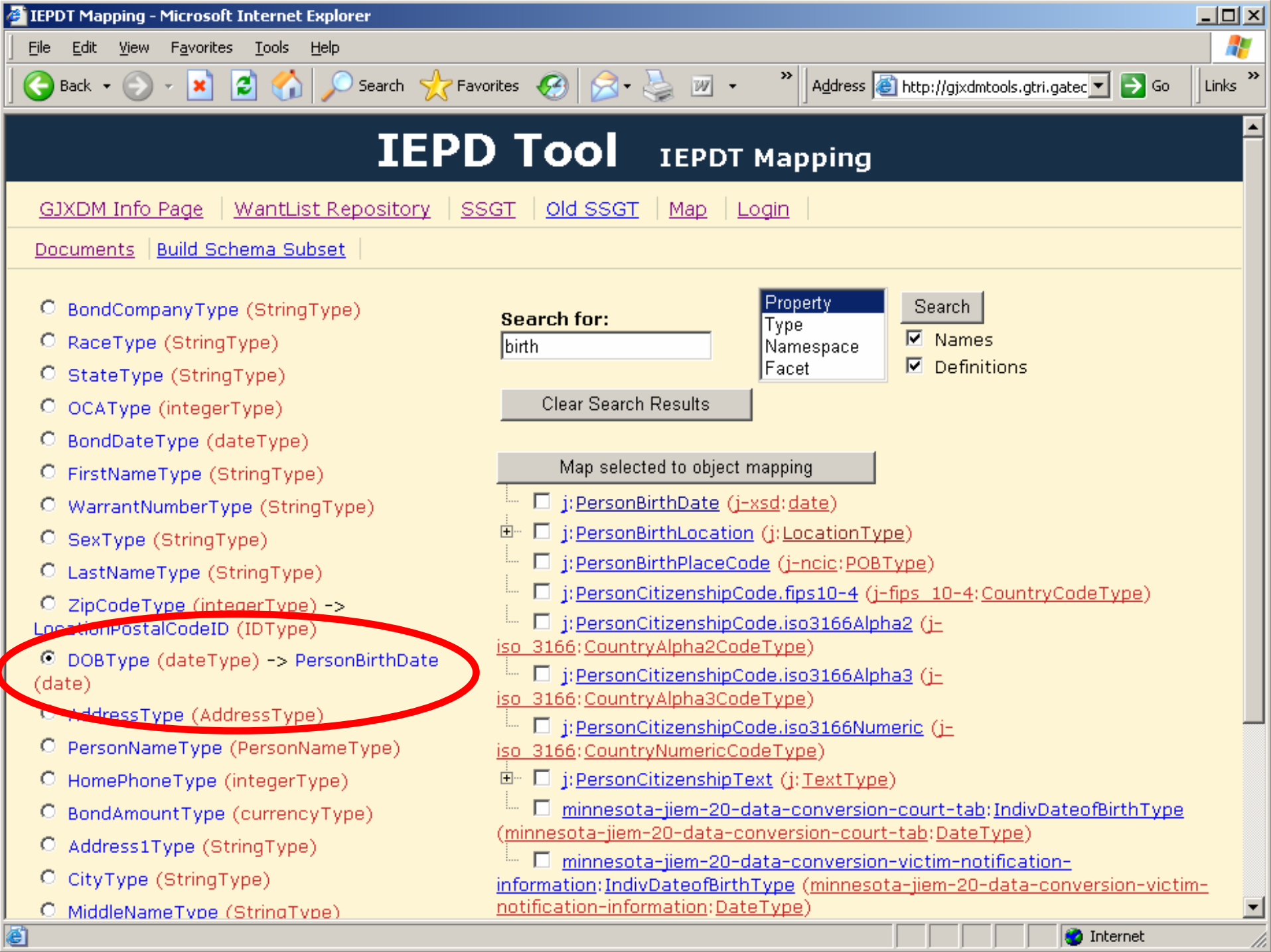
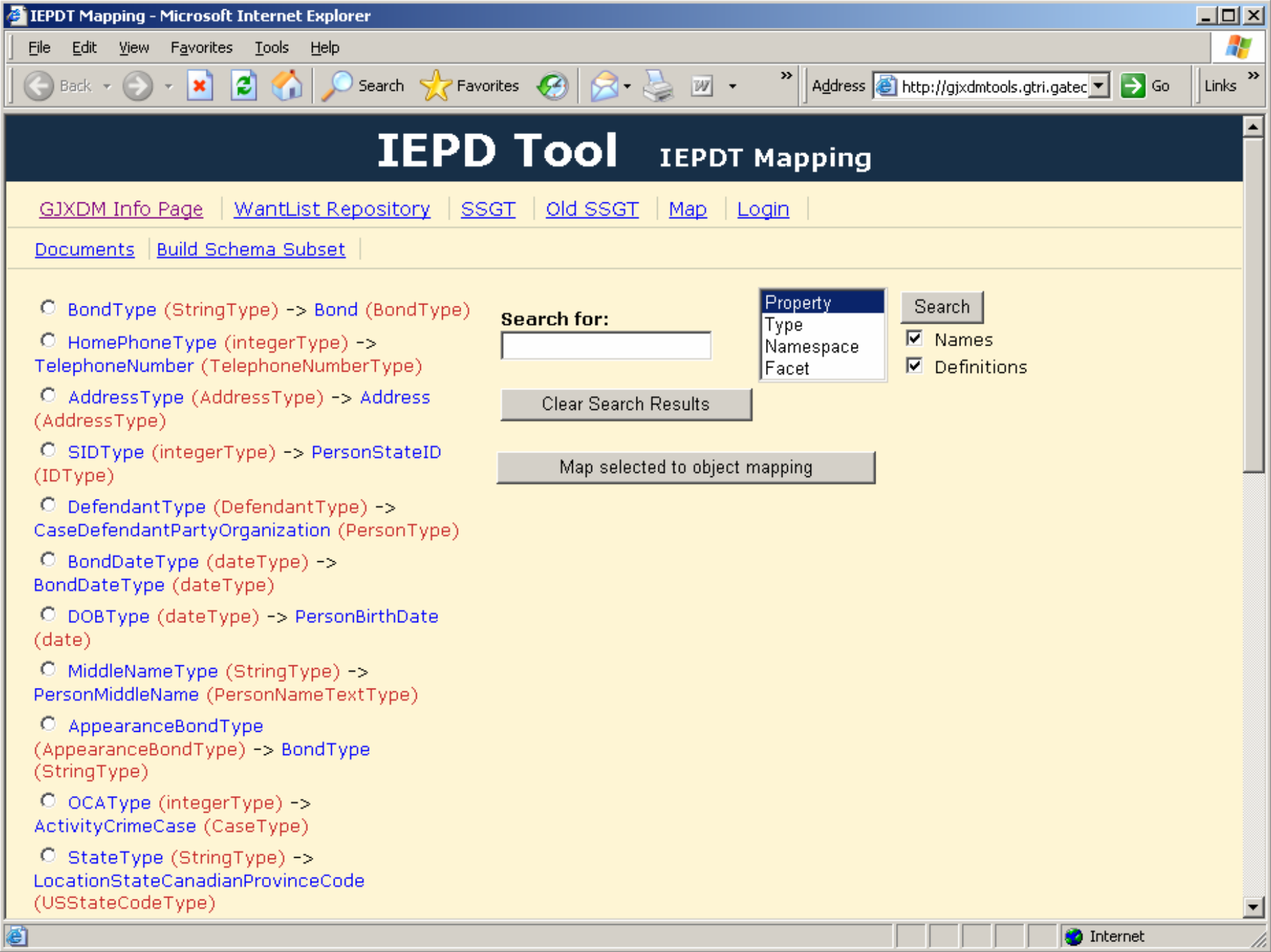
Address http://gjxdmtools.gtri.gatec
Go Links
IEPD Tool
IEPDT Mapping
GJXDM Info Page | WantList Repository | SSGT | Old SSGT | Map | Login
Documents | Build Schema Subset
BondCompanyType (StringType)
RaceType (StringType)
StateType (StringType)
OCAType (integerType)
BondDateType (dateType)
FirstNameType (StringType)
WarrantNumberType (StringType)
SexType (StringType)
LastNameType (StringType)
ZipCodeType (integerType) -> LocationPostalCodeID (IDType)
DOBType (dateType)
AddressType (AddressType)
PersonNameType (PersonNameType)
HomePhoneType (integerType)
BondAmountType (currencyType)
Address1Type (StringType)
CityType (StringType)
MiddleNameType (StringType)
Search for:
birth
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
j:PersonBirthDate (j-xsd:date)
j:PersonBirthPlaceCode (j-ncic:POBType)
j:PersonCitizenshipCode.fips10-4 (j-fips_10-4:CountryCodeType)
j:PersonCitizenshipCode.iso3166Alpha2 (j-iso_3166:CountryAlpha2CodeType)
j:PersonCitizenshipCode.iso3166Alpha3 (j-iso_3166:CountryAlpha3CodeType)
j:PersonCitizenshipCode.iso3166Numeric (j-iso_3166:CountryNumericCodeType)
j:PersonCitizenshipText (j:TextType)
minnesota-jiem-20-data-conversion-court-tab:IndivDateofBirthType (minnesota-jiem-20-data-conversion-court-tab:DateType)
minnesota-jiem-20-data-conversion-victim-notification-information:IndivDateofBirthType (minnesota-jiem-20-data-conversion-victim-notification-information:DateType)
Internet


IEPDT Mapping - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://gjxdmtools.gtri.gatec
Go Links
IEPD Tool
IEPDT Mapping
GJXDM Info Page | WantList Repository | SSGT | Old SSGT | Map | Login
Documents | Build Schema Subset
BondCompanyType (StringType)
RaceType (StringType)
StateType (StringType)
OCAType (integerType)
BondDateType (dateType)
FirstNameType (StringType)
WarrantNumberType (StringType)
SexType (StringType)
LastNameType (StringType)
ZipCodeType (integerType) -> LocationPostalCodeID (IDType)
DOBType (dateType) -> PersonBirthDate (date)
AddressType (AddressType)
PersonNameType (PersonNameType)
HomePhoneType (integerType)
BondAmountType (currencyType)
Address1Type (StringType)
CityType (StringType)
MiddleNameType (StringType)
Search for:
birth
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
j:PersonBirthDate (j-xsd:date)
j:PersonBirthLocation (j:LocationType)
j:PersonBirthPlaceCode (j-ncic:POBType)
j:PersonCitizenshipCode.fips10-4 (j-fips_10-4:CountryCodeType)
j:PersonCitizenshipCode.iso3166Alpha2 (j-iso_3166:CountryAlpha2CodeType)
j:PersonCitizenshipCode.iso3166Alpha3 (j-iso_3166:CountryAlpha3CodeType)
j:PersonCitizenshipCode.iso3166Numeric (j-iso_3166:CountryNumericCodeType)
j:PersonCitizenshipText (j:TextType)
minnesota-jiem-20-data-conversion-court-tab:IndivDateofBirthType (minnesota-jiem-20-data-conversion-court-tab:DateType)
minnesota-jiem-20-data-conversion-victim-notification-information:IndivDateofBirthType (minnesota-jiem-20-data-conversion-victim-notification-information:DateType)
Internet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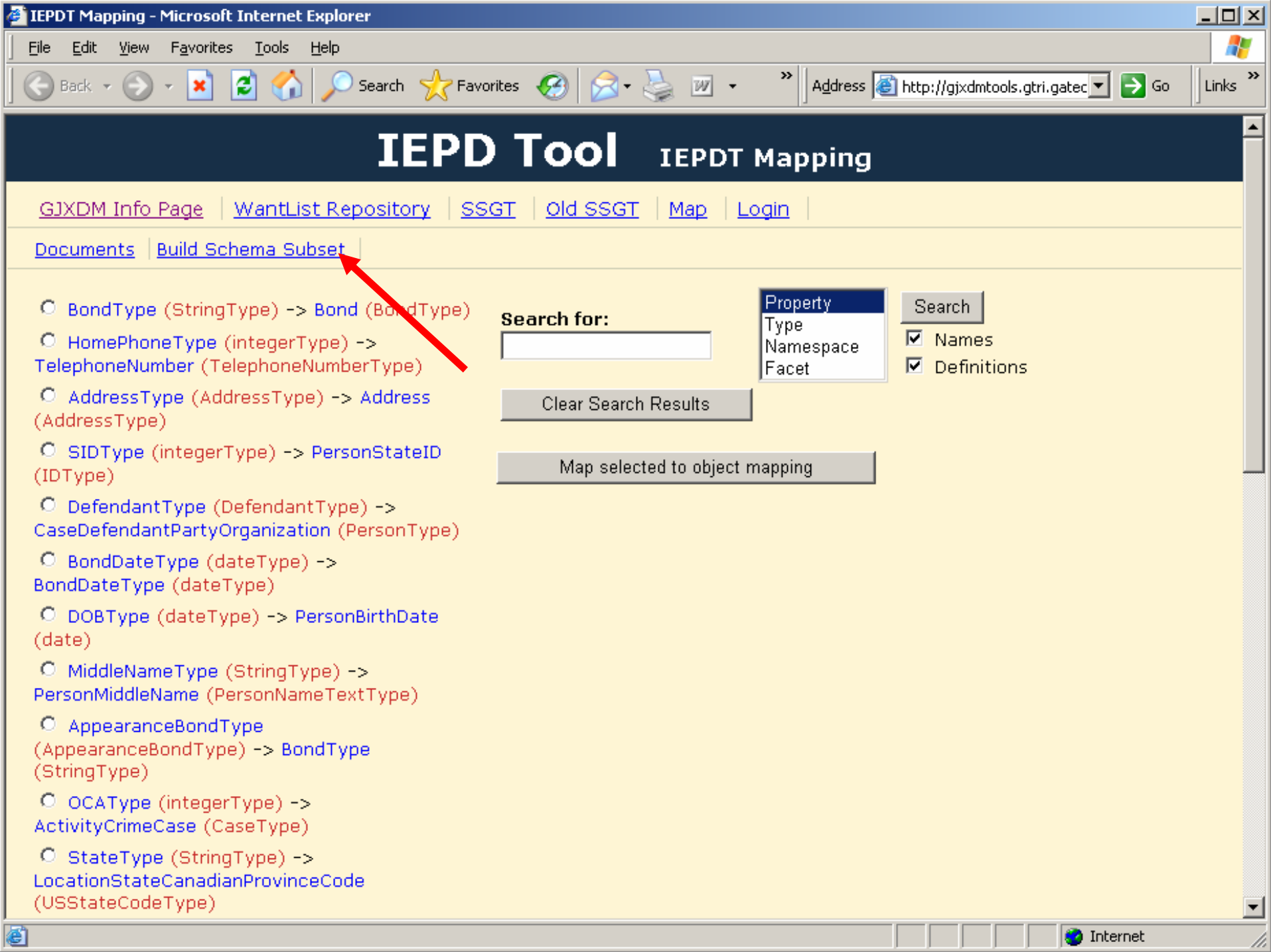
IEPD Tool
IEPDT Mapping
GJXDM Info Page
WantList Repository
SSGT
Old SSGT
Map
Login
Documents
Build Schema Subset
BondType (StringType) -> Bond (BondType)
HomePhoneType (integerType) -> TelephoneNumber (TelephoneNumberType)
AddressType (AddressType) -> Address (AddressType)
SIDType (integerType) -> PersonStateID (IDType)
DefendantType (DefendantType) -> CaseDefendantPartyOrganization (PersonType)
BondDateType (dateType) -> BondDateType (dateType)
DOBType (dateType) -> PersonBirthDate (date)
MiddleNameType (StringType) -> PersonMiddleName (PersonNameTextType)
AppearanceBondType (AppearanceBondType) -> BondType (StringType)
OCAType (integerType) -> ActivityCrimeCase (CaseType)
StateType (StringType) -> LocationStateCanadianProvinceCode (USStateCodeType)
Search for:
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
Internet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SSGT
Old SSGT
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Documents
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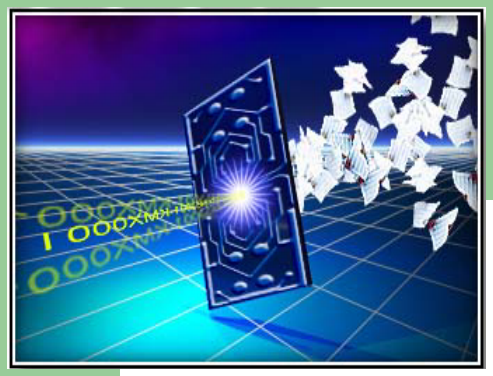
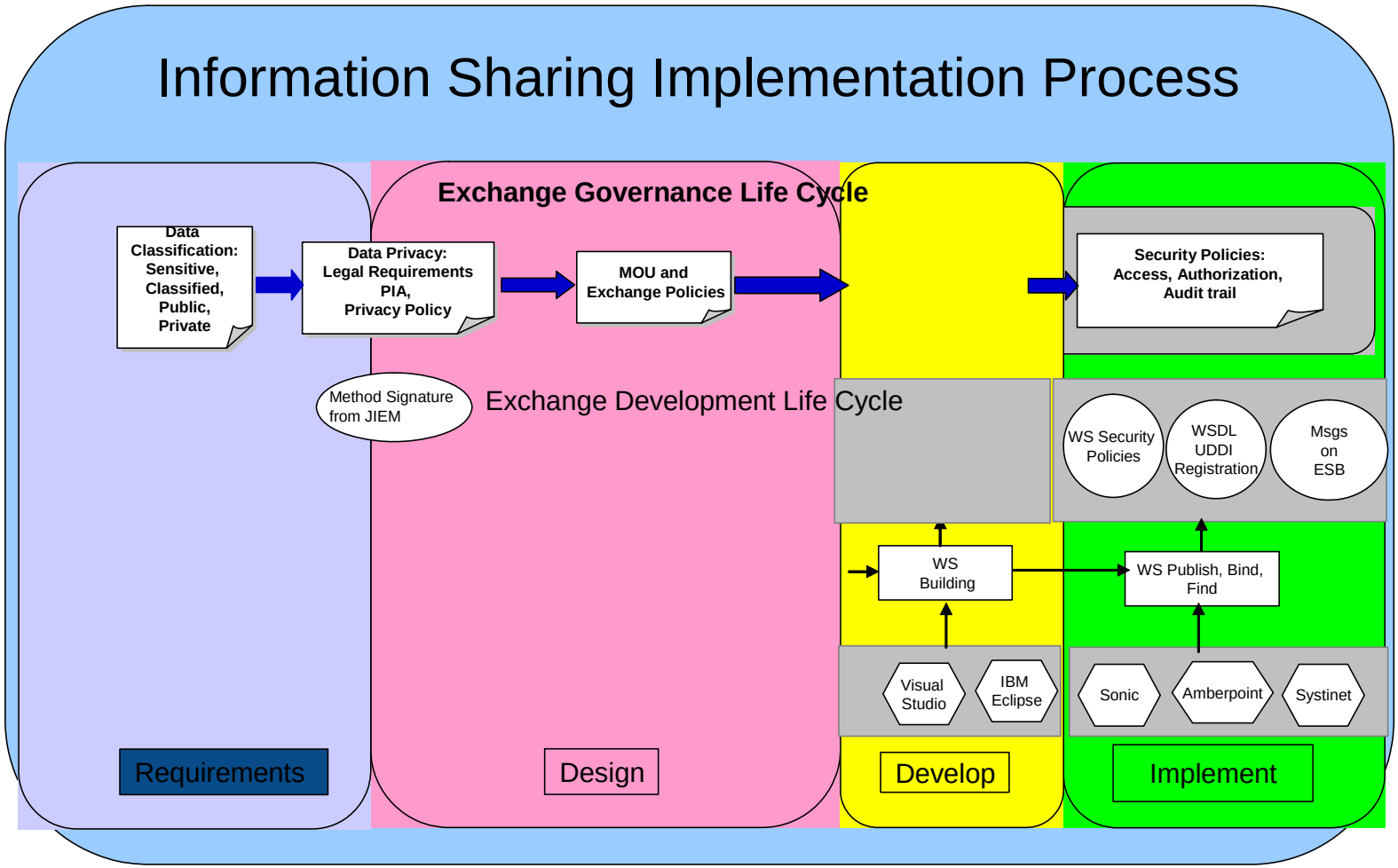
BondType (StringType) -> Bond (BondType)
HomePhoneType (integerType) -> TelephoneNumber (TelephoneNumberType)
AddressType (AddressType) -> Address (AddressType)
SIDType (integerType) -> PersonStateID (IDType)
DefendantType (DefendantType) -> CaseDefendantPartyOrganization (PersonType)
BondDateType (dateType) -> BondDateType (dateType)
DOBType (dateType) -> PersonBirthDate (date)
MiddleNameType (StringType) -> PersonMiddleName (PersonNameTextType)
AppearanceBondType (AppearanceBondType) -> BondType (StringType)
OCAType (integerType) -> ActivityCrimeCase (CaseType)
StateType (StringType) -> LocationStateCanadianProvinceCode (USStateCodeType)
Search for:
Property
Type
Namespace
Facet
Search
Names
Definitions
Clear Search Results
Map selected to object mapping
Internet



Life Cycle Automation



JUSTICE INFORMATION EXCHANGE MODEL

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